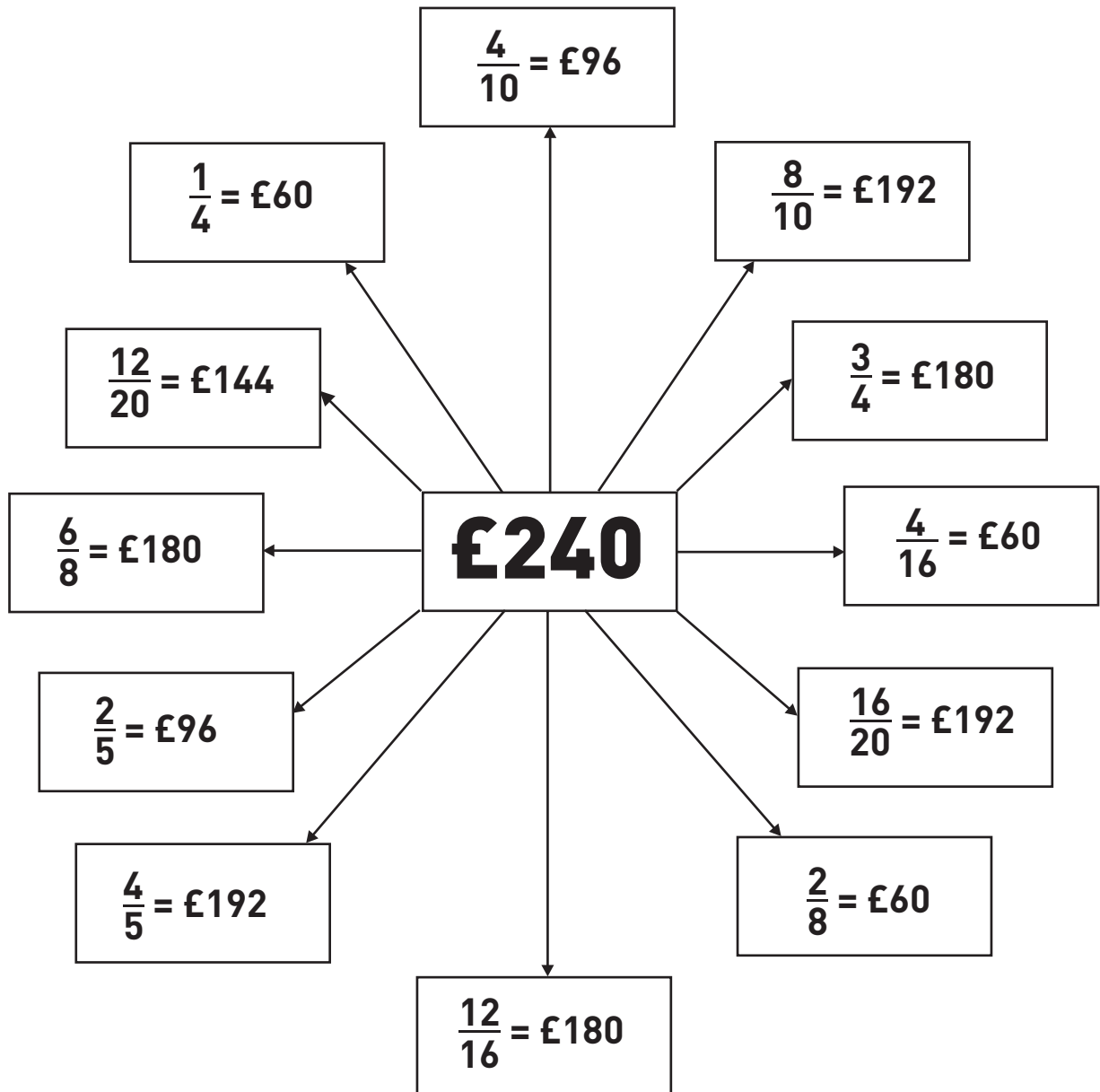


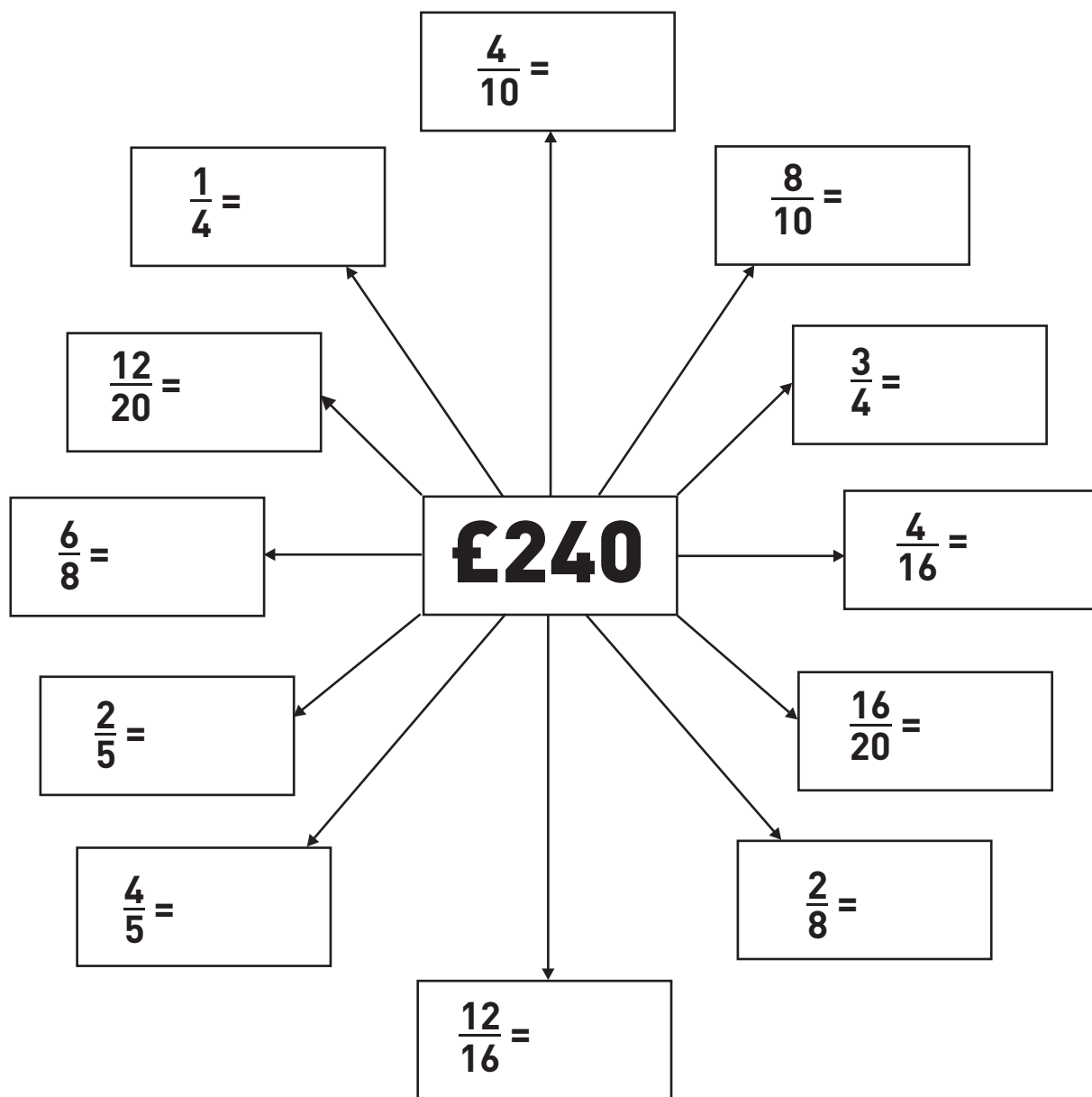
Reviewing learning

Hold a whole group discussion about what has been learned, drawing out any common misconceptions and discussing them explicitly.

Solution: Fractions spider diagram



Sheet 1 - Fractions spider diagram



Sheet 2 – Comparing fractions

Look at the question below and the answers that follow.

Question

John lives two thirds of a mile from college.

Rani lives three quarters of a mile from college.

Sarah lives about five eighths of a mile from college.

Who lives furthest? Who lives nearest?

Answer 1

You have to compare and $\frac{2}{3}$, $\frac{3}{4}$ and $\frac{5}{8}$.

Thirds are bigger than quarters and eighths.

Therefore John lives furthest and Sarah lives nearest.

Answer 2

$\frac{5}{8}$ is the biggest, $\frac{2}{3}$ is the smallest.

Therefore Sarah lives furthest, John lives nearest.

You compare the numbers on the top and bottom.

What do you think of these answers? Can you improve on the reasoning?

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Sheet 3 – Check: comparing fractions

Use the number lines below to check your answers on Sheet 2.

Also check your answers by converting all the fractions to decimals with a calculator. (Remember that $\frac{2}{3} = 2 \div 3$.)

